

CLAIMS:

1 1. A method for viewing changes to a shared document in one object comprising
2 the steps of:

3 opening said shared document by a first particular user;
4 viewing an original version of said shared document with one or more on-
5 screen symbols indicating one or more users who have saved changes to said original
6 version of said shared document;

7 selecting a particular on-screen symbol associated with one of said first and a
8 second particular user; and

9 viewing at least a section of said original version of said shared document
10 with highlighted changes in one object, wherein said highlighted changes indicate
11 changes made by one of said first and said second particular user with respect to said
12 original version of said shared document.

1 2. The method as recited in claim 1 further comprising the steps of:

2 entering a user identification associated with said first particular user; and

3 determining whether said first particular user has permission to open said
4 shared document based on said user identification associated with said first particular
5 user.

1 3. The method as recited in claim 1, wherein upon selecting said particular on-
2 screen symbol associated with one of said first and said second particular user a menu
3 is displayed with a list of one or more versions of said shared document authored by
4 said first or said second particular user.

1 4. The method as recited in claim 3 further comprising the step of:

2 selecting one of said one or more versions of said shared document.

1 5. The method as recited in claim 1 further comprising the step of:

2 editing said original version of said shared document.

1 6. The method as recited in claim 5 further comprising the step of:
2 determining whether said first particular user has an on-screen symbol
3 associated with said first particular user indicating that said first particular user has
4 edited said shared document.

1 7. The method as recited in claim 6, wherein if there is no on-screen symbol
2 associated with said first particular user then the method further comprises the step
3 of:
4 creating an on-screen symbol associated with said first particular user.

1 8. The method as recited in claim 7 further comprising the step of:
2 saving changes made to said original version of said shared document in a
3 particular file associated with said first particular user.

1 9. The method as recited in claim 5 further comprising the step of:
2 saving changes made to said original version of said shared document in a
3 particular file associated with said first particular user.

1 10. The method as recited in claim 4 further comprising the step of:
2 editing said selected version of said shared document.

1 11. The method as recited in claim 10 further comprising the step of:
2 determining whether said first particular user has an on-screen symbol
3 associated with said first particular user indicating that said first particular user has
4 edited said shared document.

1 12. The method as recited in claim 11, wherein if there is no on-screen symbol
2 associated with said first particular user then the method further comprises the step
3 of:
4 creating an on-screen symbol association with said first particular user.

1 14. The method as recited in claim 10 further comprising the step of:
2 saving changes made to said original version of said shared document based
3 on changes made to said selected version in a particular file associated with said first
4 particular user.

1 15. A method for viewing changes to a shared document in one object comprising
2 the steps of:

3 opening said shared document by a first particular user;

4 viewing an original version of said shared document with one or more on-
5 screen symbols indicating one or more users who have saved changes to said original
6 version of said shared document;

7 selecting a particular on-screen symbol associated with one of said first and a
8 second particular user, wherein upon selecting said particular on-screen symbol
9 associated with one of said first and said second particular user a menu appears with a
10 list of one or more versions of said shared document authored by said first or said
11 second particular user;

12 selecting one of said one or more versions of said shared document; and

13 viewing at least a section of said original version of said shared document
14 with a corresponding section of said selected version in one object, wherein said
15 original version of said shared document comprises highlighted changes, wherein said
16 highlighted changes indicate changes made by one of said first and said second
17 particular user with respect to said original version of said shared document in said
18 selected version of said shared document.

1 16. A method for viewing changes to a shared document in one object comprising
2 the steps of:

3 opening said shared document by a first particular user;
4 viewing an original version of said shared document with one or more on-
5 screen symbols indicating one or more users who have saved changes to said original
6 version of said shared document;

7 selecting a particular on-screen symbol associated with one of said first and a
8 second particular user, wherein upon selecting said particular on-screen symbol
9 associated with one of said first and said second particular user a menu appears with a
10 list of one or more versions of said shared document authored by said first or said
11 second particular user;

12 selecting one of said one or more versions of said shared document; and

13 viewing at least a section of said original version of said shared document
14 with highlighted words in said original version indicating words that were changed in
15 said original version of said shared document in one object.

1 17. The method as recited in claim 16 further comprising the step of:

2 selecting said highlighted words to view changes made to said highlighted
3 words in said selected version of said shared document.

1 18. A computer program product having a computer readable medium having
2 computer program logic recorded thereon for viewing changes to a shared document
3 in one object, comprising:

4 programming operable for opening said shared document by a first particular
5 user;

6 programming operable for viewing an original version of said shared
7 document with one or more on-screen symbols indicating one or more users who
8 have saved changes to said original version of said shared document;

9 programming operable for selecting a particular on-screen symbol associated
10 with one of said first and a second particular user; and

11 programming operable for viewing at least a section of said original version of
12 said shared document with highlighted changes in one object, wherein said
13 highlighted changes indicate changes made by one of said first and said second
14 particular user with respect to said original version of said shared document.

1 19. The computer program product as recited in claim 18, wherein upon selecting
2 said particular on-screen symbol associated with one of said first and said second
3 particular user a menu appears with a list of one or more versions of said shared
4 document authored by said first or said second particular user.

1 20. The computer program product as recited in claim 19 further comprises:
2 programming operable for selecting one of said one or more versions of said
3 shared document.

1 21. The computer program product as recited in claim 20 further comprises:
2 programming operable for editing said selected version of said shared
3 document.

1 22. The computer program product as recited in claim 21 further comprises:
2 programming operable for saving changes made to said original version of
3 said shared document based on changes made to said selected version in a particular
4 file associated with said first particular user.

$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 1 \end{pmatrix}$

1 23. A computer program product having a computer readable medium having
2 computer program logic recorded thereon for viewing changes to a shared document
3 in one object, comprising:

4 programming operable for opening said shared document by a first particular
5 user;

6 programming operable for viewing an original version of said shared
7 document with one or more on-screen symbols indicating one or more users who
8 have saved changes to said original version of said shared document;

9 programming operable for selecting a particular on-screen symbol associated
10 with one of said first and a second particular user, wherein upon selecting said
11 particular on-screen symbol associated with one of said first and said second
12 particular user a menu appears with a list of one or more versions of said shared
13 document authored by said first or said second particular user;

14 programming operable for selecting one of said one or more versions of said
15 shared document; and

16 programming operable for viewing at least a section of said original version of
17 said shared document with a corresponding section of said selected version in one
18 object, wherein said original version of said shared document comprises highlighted
19 changes, wherein said highlighted changes indicate changes made by one of said first
20 and said second particular user with respect to said original version of said shared
21 document in said selected version of said shared document.

1 24. A computer program product having a computer readable medium having
2 computer program logic recorded thereon for viewing changes to a shared document
3 in one object, comprising:

4 programming operable for opening said shared document by a first particular
5 user;

6 programming operable for viewing an original version of said shared
7 document with one or more on-screen symbols indicating one or more users who
8 have saved changes to said original version of said shared document;

9 programming operable for selecting a particular on-screen symbol associated
10 with one of said first and a second particular user, wherein upon selecting said
11 particular on-screen symbol associated with one of said first and said second
12 particular user a menu appears with a list of one or more versions of said shared
13 document authored by said first or said second particular user;

14 programming operable for selecting one of said one or more versions of said
15 shared document; and

16 programming operable for viewing at least a section of said original version of
17 said shared document with highlighted words in said original version indicating
18 words that were changed in said original version of said shared document in one
19 object.

1 25. The computer program product as recited in claim 24 further comprises:

2 programming operable for selecting said highlighted words to view changes
3 made to said highlighted words in said selected version of said shared document.

1 26. A system, comprising:
2 a processor;
3 a memory unit storing a computer program operable for storing a computer
4 program operable for viewing changes to a shared document in one object; and
5 a bus system coupling the processor to the memory, wherein the computer
6 program is operable for performing the following programming steps:
7 opening said shared document by a first particular user;
8 viewing an original version of said shared document with one or more
9 on-screen symbols indicating one or more users who have saved changes to said
10 original version of said shared document;
11 selecting a particular on-screen symbol associated with one of said
12 first and a second particular user; and
13 viewing at least a section of said original version of said shared
14 document with highlighted changes in one object, wherein said highlighted changes
15 indicate changes made by one of said first and said second particular user with respect
16 to said original version of said shared document.

1 27. The system as recited in claim 26, wherein upon selecting said particular on-
2 screen symbol associated with one of said first and said second particular user a menu
3 appears with a list of one or more versions of said shared document authored by said
4 first or said second particular user.

1 28. The system as recited in claim 27, wherein the computer program is further
2 operable for performing the following programming step:
3 selecting one of said one or more versions of said shared document.

1 29. The system as recited in claim 28, wherein the computer program is further
2 operable for performing the following programming step:
3 editing said selected version of said shared document.

1 30. The system as recited in claim 29, wherein the computer program is further
2 operable for performing the following programming step:
3 saving changes made to said original version of said shared document based
4 on changes made to said selected version in a particular file associated with said first
5 particular user.

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1 31. A system, comprising:
2 a processor;
3 a memory unit storing a computer program operable for storing a computer
4 program operable for viewing changes to a shared document in one object; and
5 a bus system coupling the processor to the memory, wherein the computer
6 program is operable for performing the following programming steps:
7 opening said shared document by a first particular user;
8 viewing an original version of said shared document with one or more
9 on-screen symbols indicating one or more users who have saved changes to said
10 original version of said shared document;
11 selecting a particular on-screen symbol associated with one of said
12 first and a second particular user, wherein upon selecting said particular on-screen
13 symbol associated with one of said first and said second particular user a menu
14 appears with a list of one or more versions of said shared document authored by said
15 first or said second particular user;
16 selecting one of said one or more versions of said shared document;
17 and
18 viewing at least a section of said original version of said shared
19 document with a corresponding section of said selected version in one object, wherein
20 said original version of said shared document comprises highlighted changes, wherein
21 said highlighted changes indicate changes made by one of said first and said second
22 particular user with respect to said original version of said shared document in said
23 selected version of said shared document.

1 32. A system, comprising:
2 a processor;
3 a memory unit storing a computer program operable for storing a computer
4 program operable for viewing changes to a shared document in one object; and
5 a bus system coupling the processor to the memory, wherein the computer
6 program is operable for performing the following programming steps:
7 opening said shared document by a first particular user;
8 viewing an original version of said shared document with one or more
9 on-screen symbols indicating one or more users who have saved changes to said
10 original version of said shared document;
11 selecting a particular on-screen symbol associated with one of said
12 first and a second particular user, wherein upon selecting said particular on-screen
13 symbol associated with one of said first and said second particular user a menu
14 appears with a list of one or more versions of said shared document authored by said
15 first or said second particular user;
16 selecting one of said one or more versions of said shared document;
17 and
18 viewing at least a section of said original version of said shared
19 document with highlighted words in said original version indicating words that were
20 changed in said original version of said shared document in one object.

1 33. The system as recited in claim 32, wherein the computer program is further
2 operable for performing the following programming step:
3 selecting said highlighted words to view changes made to said highlighted
4 words in said selected version of said shared document.

1 34. A method for displaying a document, wherein said document being accessed
2 and changed by a plurality of users, said method comprising the steps of:
3 assigning an indicator to a particular user of said plurality of users when said
4 particular user made changes to said document; and
5 displaying said document with said indicator.

1 35. The method as recited in claim 34 further comprising the step of:
2 associating changes made by said particular user with said indicator.

1 36. The method as recited in claim 35 further comprising the step of:
2 selecting said indicator associated with said particular user, wherein upon
3 selecting said indicator a menu is displayed with a list of one or more versions of said
4 document authored by said particular user.

1 37. The method as recited in claim 36 further comprising the step of:
2 selecting one of said one or more versions of said document authored by said
3 particular user.

1 38. The method as recited in claim 37 further comprising the step of:
2 viewing at least a section of an original version of said document with a
3 corresponding section of said selected version of said document in one object,
4 wherein said original version of said document comprises highlighted changes,
5 wherein said highlighted changes indicate changes made by said particular user with
6 respect to said original version of said document in said selected version of said
7 document.

1 39. The method as recited in claim 37 further comprising the step of:
2 viewing at least a section of an original version of said document with
3 highlighted changes in one object, wherein said highlighted changes indicate changes

- 4 made by said particular user with respect to said original version of said document in
5 said selected version of said document.

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